

IN THE CLAIMS:

Applicants have canceled claim 1 and requested amendment to claims 2, 5 and 18. These claims are included in the following listing of the claims, which replaces and supersedes all prior claim listings.

--1. (Canceled)

--2. (Currently Amended) An image projecting apparatus, performing image projection by projecting light onto a recording medium in which an image is recorded, comprising:

a luminous body emitting light to be projected onto the recording medium;
means for detecting the light-quantity emitted from the luminous body; and
means for directly regulating the light-quantity emitted from the luminous body
based on the result of detection by the means for detecting the light-quantity, so as to make the
light-quantity emitted by the luminous body and therefore the light-quality projected onto the
recording medium constant; and

means for converting an image projected from the recording medium in
accordance with the light-quantity projected onto the recording medium into a digital image, and
for recording the digital image in digital recording means.--

-- 3. (Original) An image projecting apparatus according to claim 2
wherein the recording medium, in which an image is recorded, is a movie film. --

--4. (Previously presented) An image projecting apparatus according to claim 2 wherein the recording medium, in which an image is recorded, is a group of liquid-crystal display devices.--

--5. (Twice Amended) An image projecting apparatus, performing image projection by projecting light onto a recording medium in which an image is recorded, comprising:

a luminous body emitting light to be projected onto the recording medium;
means for directly detecting the light-quantity emitted from the luminous body;
means for closing and opening the light-path from the luminous body to the recording medium; and

means for controlling the opening/closing operation of the means for opening/closing light-path based on the result of the detection by the means for detecting the light-quantity in order to make the accumulated light-quantity projected onto the recording medium constant; and

means for converting an image projected from the recording medium in accordance with the light-quantity projected onto the recording medium into a digital image, and for recording the digital image in digital recording means. --

--6. (Original) An image projecting apparatus according to claim 5 wherein the means for controlling opening/closing light-path begins the accumulation of the light-quantity detected by the means for detecting the light-quantity at the point of making the means for opening/closing light-path in opened state, and makes the means for opening/closing

light-path in closed state at the point of the accumulated light-quantity has reached to prescribed value. --

--7. (Original) An image projecting apparatus according to claim 5 wherein the means for controlling opening/closing light-path accumulates the lightquantity detected by the means for detecting the light-quantity for a given period before making the means for opening/closing light-path in opened state, while obtaining the opening period of light-path of the means for opening/closing light-path based on the accumulated light-quantity, and makes the means for opening/closing light-path in opened state for the obtained opening period of light-path. --

--8. (Original) An image projecting apparatus according to claim 5 wherein the means for opening/closing light-path comprises a liquid-crystal shutter. --

--9. (Original) An image projecting apparatus according to claim 6 wherein the means for opening/closing light-path comprises a liquid-crystal shutter. --

--10. (Original) An image projecting apparatus according to claim 7 wherein the means for opening/closing light-path comprises a liquid-crystal shutter. --

--11. (Original) An image projecting apparatus according to claim 5 wherein the recording medium, in which an image is recorded, is a movie film. --

--12. (Original) An image projecting apparatus according to claim 6
wherein the recording medium, in which an image is recorded, is a movie film. --

--13. (Original) An image projecting apparatus according to claim 7
wherein the recording medium, in which an image is recorded, is a movie film. --

--14. (Previously presented) An image projecting apparatus according to claim 5
wherein the recording medium, in which an image is recorded, is a group of liquid-crystal
display devices. --

--15. (Previously presented) An image projecting apparatus according to claim 6
wherein the recording medium, in which an image is recorded, is a group of liquid-crystal
display devices. --

--16. (Previously presented) An image projecting apparatus according to claim 7
wherein the recording medium, in which an image is recorded, is a group of liquid-crystal
display devices.--

--17. (Original) An image projecting apparatus according to claim 5
wherein:

the recording medium, in which an image is recorded, is a movie film transported
intermittently in one direction;

the means for opening/closing light-path is a liquid-crystal shutter; and

the means for controlling opening/closing light-path controls the opening operation of the means for opening/closing light-path in synchronization with the intermittent transportation of a movie film, while controlling the closing operation of the means for opening/closing light-path based on the result of the detection by the means for detecting the light-, quantity in order to make the accumulated light-quantity projected onto the recording medium constant.--

--18. (Currently Amended) An image projection converting apparatus, performing image projection by projecting light onto a recording medium in which an image is recorded ~~and converting the projected image into an electronic image~~, comprising:

a luminous body emitting light to be projected onto the recording medium;
means for directly detecting the light-quantity emitted from the luminous body;
means for ~~picking up~~ picking up an image projected from the recording medium in accordance with the light-quantity projected onto the recording medium by projecting light from the luminous body; and

means for regulating an intensity level of the picked up image signal obtained ~~through the means for picking up image~~, based on the result of the detection of the means for detecting the light-quantity by directly regulating the light-quantity emitted from the luminous body; and

whereby said means for picking up an image converts the picked up image into a digital image and records the digital image in digital recording means.--

--19. (Original) An image projection converting apparatus according to claim 18 wherein the recording medium, in which an image is recorded, is a movie film transported intermittently in one direction, comprising:

means for closing and opening the light-path from the luminous body to the recording medium; and

means for controlling the opening/closing operation of the means for opening/closing light-path in synchronization with the intermittent transportation of the movie film.